

ADJUSTABLE KEYBOARD SUPPORT

ABSTRACT OF THE DISCLOSURE

An adjustable keyboard support mechanism includes a mounting bracket for attachment to a support surface, a platform for supporting a keyboard thereon, a support arm operably connected to the mounting bracket and the platform, and a locking mechanism for restricting height adjustment of the platform with respect to the support surface. The locking mechanism includes a center arm pivotable with respect to the platform and slidable with respect to the mounting bracket, a plurality of frictional members sandwiching and frictionally engaging the center arm, thereby restricting the sliding movement of the center arm with respect to the mounting bracket, and a wedge assembly actuatable by pivoting movement of the platform and engageable with the frictional members to both restrict and allow height adjustment of the platform relative to the support surface. The adjustable keyboard support further includes a tilt adjustment mechanism having an actuator member defining a length and operably coupled to a first portion of the platform and linking member operably coupled to a second section of the platform and adjustable along the length of the actuator such that an adjustment of the linking member along the length of the actuator member causes the second section of the platform to pivot with respect to the first section, thereby adjusting a tilt of the second section of the platform relative to the support surface.